

AMENDMENTS TO THE CLAIMS

5 Detailed Listing of All Claims 1-46:

1 (currently amended). Electric motor configured for accommodation by a turbocharger center housing and configured to drive a compressor wheel, accommodated in a compressor housing, via a shaft supported by a bearing in the turbocharger center housing, said electric motor being supplied with electric power,
10 characterized in that

a circular printed circuit board is disposed coaxial to a volute of the compressor housing and along a line between said volute and the compressor wheel;

motor plug connectors are arranged at intervals on a circle around the axis of
15 said electric motor; and

said motor plug connectors are disposed on an axial side of said electric motor, facing said compressor housing, and configured to electrically connect to said circular printed circuit board.

20 2 (previously presented). Electric motor according to claim 1, wherein said motor plug connectors are formed as male plug connectors.

3 (previously presented). Electric motor according to claim 1, wherein said motor plug connectors are formed as female plug connectors.

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4 (canceled).

5 (original). Electric motor according to claim 1, wherein the motor plug connectors are blade-shaped and extend in an axial direction of the electric motor.

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6 (original). Electric motor according to claim 5, wherein the motor plug connectors are slanted with respect to the radial direction of the electric motor.

7 (original). Electric motor according to claim 5, wherein the motor plug connectors
5 are perpendicular to the radial direction of the electric motor.

8 (original). Electric motor according to any of claims 5 to 7, provided with six motor plug connectors each of which is a connector to a lead wire.

10 9 (previously presented). Electric motor according to any of claims 1, 2, 3, 4, 6 and 7, accommodated in an electric motor cartridge, wherein said motor plug connectors penetrate the electric motor cartridge.

10 (currently amended). Compressor housing for accommodating a compressor
15 wheel drivable by an electric motor via a shaft connected to the compressor wheel, characterized in that said compressor housing comprises

a circular printed circuit board disposed along a line between a volute of said compressor housing and the compressor wheel;

at least one main power plug connector electrically connected to said circuit
20 board and connectable to an electric power source; and

housing plug connectors electrically connected to said circular printed circuit board and electrically connected to at least one of said at least one main power plug connector for supplying said electric motor with electric power, wherein

said housing plug connectors are disposed on an axial side of said
25 compressor housing, facing said electric motor, arranged by intervals on a circle around the axis of the compressor housing.

11 (previously presented). Compressor housing according to claim 10, wherein said housing plug connectors are formed as female plug connectors.

12 (previously presented). Compressor housing according to claim 10, wherein said housing plug connectors are formed as male plug connectors.

13 (previously presented). Compressor housing according to claim 11 or 12,
5 wherein said at least one main power plug connector is connected to at least one of said housing plug connectors via the printed circuit board.

14 (canceled).

10 15 (previously presented). Compressor housing according to claim 13, wherein a plurality of main power plug connectors is arranged as a bundle on the side of the printed circuit board opposite to the side where the housing plug connectors are disposed.

15 16 (original). Compressor housing according to claim 15, wherein the housing plug connectors are slot-shaped and extend in an axial direction of the compressor housing.

17 (previously presented). Compressor housing according to claim 16, wherein the
20 housing plug connectors are slanted with respect to the radial direction of the compressor housing.

18 (previously presented). Compressor housing according to claim 16, wherein the housing plug connectors are perpendicular to the radial direction of the compressor
25 housing.

19 (original). Compressor housing according to any of claims 16 to 18, provided with six housing plug connectors each of which is a connector to a lead wire.

20 (original). Compressor housing according to any of claims 15 to 19, wherein the printed circuit board is provided with at least one track for connecting each of the main power plug connectors to the respective one of the housing plug connectors.

- 5 21 (original). Compressor housing according to claim 20, wherein the printed circuit board is provided with three tracks.

22 (canceled).

- 10 23 (currently amended). Turbocharger comprising an electric motor for driving a compressor wheel accommodated in a compressor housing, said electric motor being supplied with electric power through motor plug connectors, further comprising
a turbine housing for accommodating a turbine wheel driven by exhaust gas;
a center housing for accommodating a shaft and the electric motor, the shaft
15 serving as a rotor of the electric motor and extending from the turbine wheel through a journal bearing and the electric motor to the compressor wheel; wherein the compressor wheel is driven by the turbine wheel via the shaft and can additionally be driven by the electric motor, characterized in that

- said motor plug connectors are disposed on an axial side of said electric
20 motor, facing said compressor housing wherein said motor plug connectors are arranged at intervals on a circle around the axis of the electric motor and configured to electrically connect with a circular printed circuit board disposed along a line between a volute of said compressor housing and the compressor wheel.

- 25 24 (previously presented). Turbocharger according to claim 23, wherein said motor plug connectors are formed as male plug connectors.

25 (previously presented). Turbocharger according to claim 23, wherein said motor plug connectors are formed as a female plug connector.

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26 (canceled).

27 (original). Turbocharger according to claim 23, wherein the motor plug connectors are blade-shaped and extend in an axial direction of the electric motor.

5 28 (original). Turbocharger according to claim 27, wherein the motor plug connectors are slanted with respect to the radial direction of the electric motor.

29 (original). Turbocharger according to claim 27, wherein the motor plug connectors are perpendicular to the radial direction of the electric motor.

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30 (previously presented). Turbocharger according to any of claims 27 to 29, provided with six motor plug connectors each of which is a connector to lead wire.

31 (previously presented). Turbocharger according to any of the claims 23 to 25 and
15 27 to 29, wherein the electric motor is accommodated in an electric motor cartridge, wherein said motor plug connectors penetrate the electric motor cartridge.

32 (currently amended). Turbocharger comprising a compressor housing for accommodating a compressor wheel drivable by an electric motor, further
20 comprising

a turbine housing for accommodating a turbine wheel driven by exhaust gas;
a center housing for accommodating a shaft and the electric motor, the shaft serving as a rotor of the electric motor and extending from the turbine wheel through a journal bearing and the electric motor to the compressor wheel; wherein the
25 compressor wheel is driven by the turbine wheel via the shaft and can additionally be driven by the electric motor, characterized in that

said compressor housing further comprises
a circular printed circuit board disposed along a line between a volute of said compressor housing and the compressor wheel;

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at least one main power plug connector electrically connected to said circuit board and connectable to an electric power source; and

housing plug connectors electrically connected to said circular printed circuit board and electrically connected to at least one of the at least one main power plug
5 connector for supplying said electric motor with electric power, wherein

said housing plug connectors are disposed on an axial side of said compressor housing, facing said electric motor, arranged by intervals on a circle around the axis of the compressor housing.

10 33 (previously presented). Turbocharger according to claim 32, wherein said housing plug connectors are formed as female plug connectors.

34 (previously presented). Turbocharger according to claim 32, wherein said housing plug connectors are formed as male plug connectors.

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35 (previously presented). Turbocharger according to claim 33 or 34, wherein said at least one main power plug connector is connected to said housing plug connectors via the printed circuit board.

20 36 (previously presented). Turbocharger according to claim 32, wherein said housing plug connectors are arranged by equal intervals on a circle around the axis of the compressor housing.

37 (previously presented). Turbocharger according to claim 36, wherein a plurality of
25 main power plug connectors is arranged as a bundle on the side of the printed circuit board opposite to the side where the housing plug connectors are disposed.

38 (original). Turbocharger according to claim 37, wherein the housing plug
30 connectors are slot-shaped and extend in an axial direction of the compressor housing.

39 (original). Turbocharger according to claim 38, wherein housing plug connectors are slanted with respect to the radial direction of the compressor housing.

40 (original). Turbocharger according to claim 38, wherein housing plug connectors
5 are perpendicular to the radial direction of the compressor housing.

41 (original). Turbocharger according to any of claims 38 to 40, provided with six housing plug connectors each of which is a connector to a lead wire.

10 42 (previously presented). Turbocharger according to any of claims 37 to 40, wherein the printed circuit board is provided with at least one track for connecting each of the main power plug connectors to the respective one of the housing plug connectors.

15 43 (canceled).

44 (canceled).

45 (currently amended). Turbocharger comprising a compressor housing for
20 accommodating a compressor wheel drivable by an electric motor and an electric motor for driving a compressor wheel accommodated in a compressor housing, said electric motor being supplied with electric power through motor plug connectors, further comprising

a turbine housing for accommodating a turbine wheel driven by exhaust gas;
25 a center housing for accommodating a shaft and the electric motor, the shaft serving as a rotor of the electric motor and extending from the turbine wheel through a journal bearing and the electric motor to the compressor wheel wherein the compressor wheel is driven by the turbine wheel via the shaft and can additionally be driven by the electric motor,

30 characterized in that
said compressor housing further comprises

at least one main power plug connector electrically connected to a circular printed circuit board and connectable to an electric power source; and

housing plug connectors electrically connected to said printed circuit board and electrically connected to at least one of the at least one of the main power plug
5 connector for supplying said electric motor with electric power, wherein

said circular printed circuit board is disposed along a line between a volute of the compressor housing and the compressor wheel;

said housing plug connectors are disposed on an axial side of said compressor housing, facing said electric motor, and

10 said motor plug connectors are disposed on an axial side of said electric motor, facing said compressor housing, arranged by intervals on a circle around the axis of the compressor housing.

46 (previously presented). Turbocharger comprising a compressor housing, a
15 center housing and an electric motor according to claim 1, further comprising
a turbine housing for accommodating a turbine wheel driven by exhaust gas;
the center housing for accommodating the shaft and the electric motor, the shaft serving as a rotor of the electric motor and extending from the turbine wheel through the bearing and the electric motor to the compressor wheel; wherein the
20 compressor wheel is driven by the turbine wheel via the shaft and can additionally be driven by the electric motor.